

# FDC-W8



## FDC-W8 Fiber Optic Splice/Patch Terminal

FDC-W8 FAT closure is a butt type gel sealed fiber optic splicing and patching closure designed for the Fiber Access Point in the FTTx network. The closure can be deployed on walls, poles and in hand holes. FDC-W8 FAT has 4 main cable ports and 8 drop cable ports. Loop storage of 6m loose tubes allows 2 main cables loop through at the same time. The closure accommodates up to 24 fusion splices (or 8 mechanical splices), two PLC splitters and 8 SC adapters. Sealing is achieved via built-in gel technology, resulting in extremely convenient re-entry and re-sealing.

Port capacities of the FDC-AT closures:

- Splicing capacity: 24 fusion splices
- Patching capacity: 8 SC adapters
- Splitter capacity: 2 PLC splitters (1x2 or 2x4) or 1 PLC splitter (1x8 or 2x8)

Key features of the FDC-W8 closures:

- Gel-sealing, easy to open and re-enter, no tool or re-entry kit required
- Seals up to 50cm under water with round drop cable (3mm)
- IP55 for fig. 8 (2x3 mm) drop cable pole or wall mounted application
- Bending radius: 25 mm
- Compact design (266x237x76.5 mm)
- Butt configuration
- 4 main cable ports (8-14 mm)
- 8 drop cable ports (3mm or 2x3 mm fig. 8)
- Options for both mechanical splices and heat shrinkable splices (SMOUV)
- Housing up to 2 splitters, 8 SC adapters, 24 fusion splices or 12 mechanical splices
- Loop storage capacity: 6m of 2mm OD loose tube
- Suitable for Field Installable Connectors

## Product Classification

<b>Product Type</b>	Single-ended, rectangular fiber closure
<b>Product Series</b>	FDC

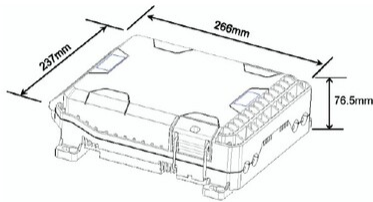
## General Specifications

<b>Cable Ports Quantity, total</b>	4 round ports + 8 round ports
<b>Cable Sealing Type</b>	Compressed rubber

# FDC-W8

<b>Closure Style</b>	Single-ended
<b>Color</b>	Black
<b>Port, quantity</b>	8
<b>Splice Tray Type Included</b>	24-way, heat shrink

## Dimension Drawing



L x W x H	266x237x76.5mm
Cable ports	4 main ports + 8 drop ports
Main cable dia.	8-14mm
Drop cable dia.	3mm round cable or 2x3mm fig. 8 cable

## Ordering Tree

**FDC - W8 - FAT - XX / X - X X XX - X X**

**Adapter Type**

- NN No adapter
- S1 SC/PC adapter
- S2 SC/APC adapter

**No of Adapters**  
(0, 2, 4 or 8)

**No of Splice Protectors**

- 0 0
- 1 12
- 2 24

**Mounting Kit**

- N no mounting kit
- P Pole mounting kit
- W wall mounting kitt

**Scenario**

- 1 Underground (IP68)
- 2 Aerial/Pole mounted (IP55)

**Splitter Type \***

- NN No splitter
- 14 1:4 splitter
- 18 1:8 splitter
- 24 2:4 splitter
- 28 2:8 splitter
- 44 2pcs 1:4 splitter

**No of Mechanical Splices**  
(0-12)

\* Splitter to be 900um fiber in both input and output, fiber length in output should be 660mm- 690mm.

## Material Specifications

**Material Type** Rugged polymer

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system

# FDC-W8

---

